A B C D

2BF3092 PELORUS POUCH INST. FOR -6 & -6 ASSY
28F3092-2 -FOR-7 ASSY
28F3092-3 FOR -8 ASSY

PELORUS DRIFT SIGHT (MARK II-B) INSTALLATION AT BOW GUN SEE DETAIL "A"

SEE DETAIL "C"

28F3084 PELORUS DRIFT SIGHT SUPPORT INSTALLATION

SEE DET "B"

HATCH HINGES

* BASE \#6666-11 (REF) & DRIFT SIGHT MARK II B \#6666 WITH SHORTENED POST (REF) -6 ASSY

PELORUS DRIFT SIGHT (MARK II-B) INSTALLATION AT NAVIGATOR'S HATCH

PELORUS DRIFT SIGHT STOWAGE

PELORUS DRIFT SIGHT (MARK II B) INSTALLATION AT TUNNEL GUN SEE DETAIL "D"

VERTICAL

ABEAM PORT — FORWARD — ABEAM STARBOARD — AFT

SCOPE OF SIGHT ANGLES FOR PELORUS DRIFT SIGHT

FOR -6 ASSY

REVOLVING WINDSHIELD STRUCTURE (REF)

AC 365-D1032

AN 520-D10-8

PELORUS BASE PLATE \#6666-11 (REF)

DECK LINE

PELORUS

PAD

HINGE

BULKHEAD \#3 (REF DWG 28B1300)

DZUS FASTENERS WITH WING TYPE LOCK SCREWS FOR MOUNTING BRACKET

POSITION OF BRACKET WHEN NOT IN USE

DETAIL "A"

PLAN VIEW OF BOW TURRET HATCH - SHOWING PELORUS DRIFT SIGHT MOUNTING

SCALE: 3" = 1'-0"

DETAIL "B"

VIEW LOOKING FORWARD AT STA. 3 SHOWING BRACKET FOR MOUNTING PELORUS DRIFT SIGHT AT L.H. OF STEPS HATCH

SCALE 6" = 1'-0"

USED ON PBY-2 \#17031 INC.
PBY-1 ALL SHIPS

LOCATE AT INSTALLATION WITH \#6666-11 BASE IN PLACE (REF)

PAD BLACK COTTON WEBBING

DECK STRUCTURE (REF DWG 28B1054)

BULKHEAD \#3 (REF DWG 28B1300)

PELORUS BASE PLATE PART 6666-11 (SU ADD (REF))

AN 520-D10-8

AC365-D1032

LOCATE STUD TO SUIT STRAP ON ASSEMBLY

AC 365-D1032

FIXED BRACKET

HINGED BRACKET

SECTION A-A

SCALE 12" = 1'-0"

NOTE: ATTACH -4 & -5 SO THAT THERE WILL BE DEFINITE TENSION IN STRAP WHEN LIFT THE DOT IS ENGAGED TO PREVENT RATTLING.

DETAIL "C"

REAR VIEW OF STA. \#3 SHOWING BRACKET FOR MOUNTING PELORUS DRIFT SIGHT AT R.H. SIDE OF NAVIGATOR'S HATCH

SCALE: 6" = 1'-0"

USED ON PBY-2 SHIP \#1-31 INCLUSIVE
PBY-1 ALL SHIPS

AN 520-D10-12

AC365-D1032

NOTE—
ONE O-5A COMPASS STD. BASE PLATE G.F.C. PER AIRPLANE. THIS BASE CAN BE MOUNTED AT THE FOLLOWING POSITIONS: BOW REVOLVING WINDSHIELD OR PILOTS & CO-PILOTS COCKPIT OR TUNNEL GUN HATCH.

PELORUS DRIFT SIGHT MARK II-C FSSC NO. 88-H-175 SPEC. S-133 (REF) FOR -7 & -8 ASSY

\#6666 MARK II-B (REF) PELORUS DRIFT SIGHT

\#6666-11 & (REF) PELORUS BASE PLATE FOR -6 ASSY

28F1076 (REF)

28F1191 ADAPTER BASE

DETAIL "D"

FOR ADDITIONAL INFORMATION REF. DWG 28 A 1004

SCALE 6" = 1'0"

E.O. A61717

| LET. | ALTERATION | DATE | BY |
|---|---|---|---|
| S | CHANGE -7 ASS'Y TO -6 ASS'Y | | |
| | FOR PBY-5A ON CONTRACT | | |
| | 88476 (ON 1 TO 464) | | |
| | NO WT CHANGE | 7-10-43 | STEWART |
| T | [illegible] | | |
| | [illegible] | | 11-12-43 |

| LET | ALTERATION | DATE | BY |
|---|---|---|---|
| J | TRACED TO DATE | 7-29-37 | |
| K | REMOVE REQMTS FOR | | |
| | 28F1091-2 TO -5 & 28F1118 | | |
| | FROM PBY-3 SHIP \#2 ON | 9-18-37 | |
| L | ADDED 28F3084 & 28F3092 | 1-11-38 | ADAMS |
| | REMOVED 6666 & 6666-11 FROM | | |
| | & REFERENCED ON DWG. | | |
| M | REMOVED -0 ASSY REQMTS PBY-3 \#1 | | |
| N | ADDED PELORUS DRIFT SIGHT | 2-20-42 | |
| | MARK II-C FSSC NO. 88-H-175 | | |
| | SPEC. S-133 (REF) FOR -7 & -8 ASSY | | |
| O | ADDED NOTE IN RE: O-5A COMPASS | | |
| | STD BASE PLATE, | | |
| | IN ADDED 28F7396 (1) IN | | |
| | -8 ASSY AND 28F7396-2 IN | | |
| | -7 ASSY. ADDED CONTRACT NOS | | |
| | IN REQ PER AIRPLANE COLUMN | | |
| | ADDED -7 PBY-5-28F1002 & | | |
| | -6 PBY-5-28F1002 & -7 PBY-5A | | |
| | 28F6002 & -8 PBY-5-28F1002 | | |
| P | ADDED FOR -6 ASSY. | | |
| Q | 28F3092-2 REPLACED 28F3092-0 | | |
| | IN -7 ASSY & 28F3092-3 REPLACED | | |
| | 28F3092-0 IN -8 ASSY. NO WT CHG | 4-21-43 | BOYD |
| R | 28F7396-2 REPLACES 28F7396 | | |
| | IN -8 ASSY. ADDED 28F7396 | | |
| | TO -6 ASSY LIMITED TO PBY-5B | | |
| | ONLY. REMOVED B.O. 6666 | | |
| | FROM -7 ASSY. NO WT. CHG. | 5-28-43 | |

O-5A COMPASS STD BASE PLATE

| | MODEL | NEXT ASSY | | | | | | |
|---|---|---|---|---|---|---|---|---|
| -6 | PBY-5A | 28F6002 | 1 | [illegible] | 1 | 1 | 1 | 1 |
| -6 | PBY-5B | 28F7002 | 1 | [illegible] | 1 | 1 | 1 | 1 |
| -6 | PBY-5 | 28F1002 | 1 | 28F7396 | | 1 (PBY-5B ONLY) | | |
| -7 | PBY-5 | 28F1002 | 1 | BO 6666 | 1 | 1 | | |
| -8 | PBY-5A | 28F6002 | 1 | 28F7396-2 | | | 1 | 1 |
| -7 | PBY-5A | 28F6002 | 1 | [illegible] | 1 | 1 | 1 | |
| -6 | PBY-4 | 28F7002 | | [illegible] | 1 | 1 | 1 | 1 |
| -6 | PBY-3 | 28F1002 | | [illegible] | 1 | | | |
| -6 | PBY-2 | 28F1002 | | 28F1092-5 | 2 | | | |
| | PBY-2 | 28F1002 | | [illegible]-4 | 2 | | | |
| | PBY-1 | 28F1002 | | [illegible]-3 | 2 | | | |
| | XPBY-1 | | | [illegible]-2 | 3 | | | |

C\# 70406
C\# 84575-1 TO 89
C\# 70406
C\# 77713
C\# 88476
SHIPS 1-32

\#32 ON
\#1 TO 31 INC

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

MATERIAL — SPEC. — HEAT TREAT — FINISH — DRAFT — CHECK — STAR — ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

NAME: PELORUS DRIFT SIGHT MARK II-B EMPLACEMENT INSTALLATION

J 28F1091

R 28F1091

H 281